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Date: February 20, 2002

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Pages 3

From: SCULLY, SCOTT, MURPHY & PRESSER

Re: Marilyn A. Anderson, et al.

U.S. Patent Appln. No. 09/812,502

A PROTEINASE INHIBITOR, PRECURSOR

THEREOF AND GENETIC SEQUENCES

ENCODING SAME

Our Docket: 9748BZ

COMMENTS:

The Filing Receipt for the above-identified patent application has the date on the Divisional incorrect and also the total claims and independent claims are incorrect. It should read:

DOMESTIC PRIORITY DATA AS CLAIMED BY APPLICANT:

WHICH IS A DIV OF 08/454,295 12/16/1993 Pat 6,031,087, and Total claims 8, Independent Claims 2.

Please send to us a corrected Filing Receipt with the information as it is shown on the pages to follow.

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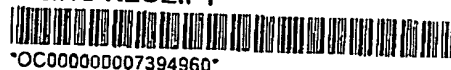
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/812,502	03/20/2001	1652	710	9748BZ	20	4	1

CONFIRMATION NO. 7221

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FILING RECEIPT



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Date Mailed: 01/30/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

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Domestic Priority data as claimed by applicant

 THIS APPLICATION IS A CON OF 09/431,500 11/01/1999 PAT 6,261,821
 WHICH IS A DIV OF 08/454,295 (09/01/1995) PAT 6,031,087

Foreign Applications

AUSTRALIA PL 6399/92 12/16/1992

 Should Read:
 12/16/1993

If Required, Foreign Filing License Granted 01/30/2002

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Early Publication Request: No

Title

Proteinase inhibitor, precursor thereof and genetic sequences encoding same

Preliminary Class



US006031087A

United States Patent [19]

Anderson et al.

[11] Patent Number: 6,031,087

[45] Date of Patent: Feb. 29, 2000

[54] **PROTEINASE INHIBITOR, PRECURSOR
THEREOF AND GENETIC SEQUENCES
ENCODING SAME**

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536/23.6

[58] Field of Search 435/213, 219,
435/69.1, 252.3, 320.1; 536/23.2, 23.6;
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PUBLICATIONS

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Attorney, Agent, or Firm—Scully, Scott, Murphy & Presser

[57] **ABSTRACT**

The present invention relates generally to proteinase inhibitors, a precursor thereof and to genetic sequences encoding same. More particularly, the present invention relates to a nucleic acid molecule comprising a sequence of nucleotides which encodes or is complementary to a sequence which encodes a type II serine proteinase inhibitor (PI) precursor from a plant wherein said precursor comprises at least three PI monomers and wherein at least one of said monomers has a chymotrypsin specific site and at least one other of said monomers has a trypsin specific site.

7 Claims, 21 Drawing Sheets